

FIG.1

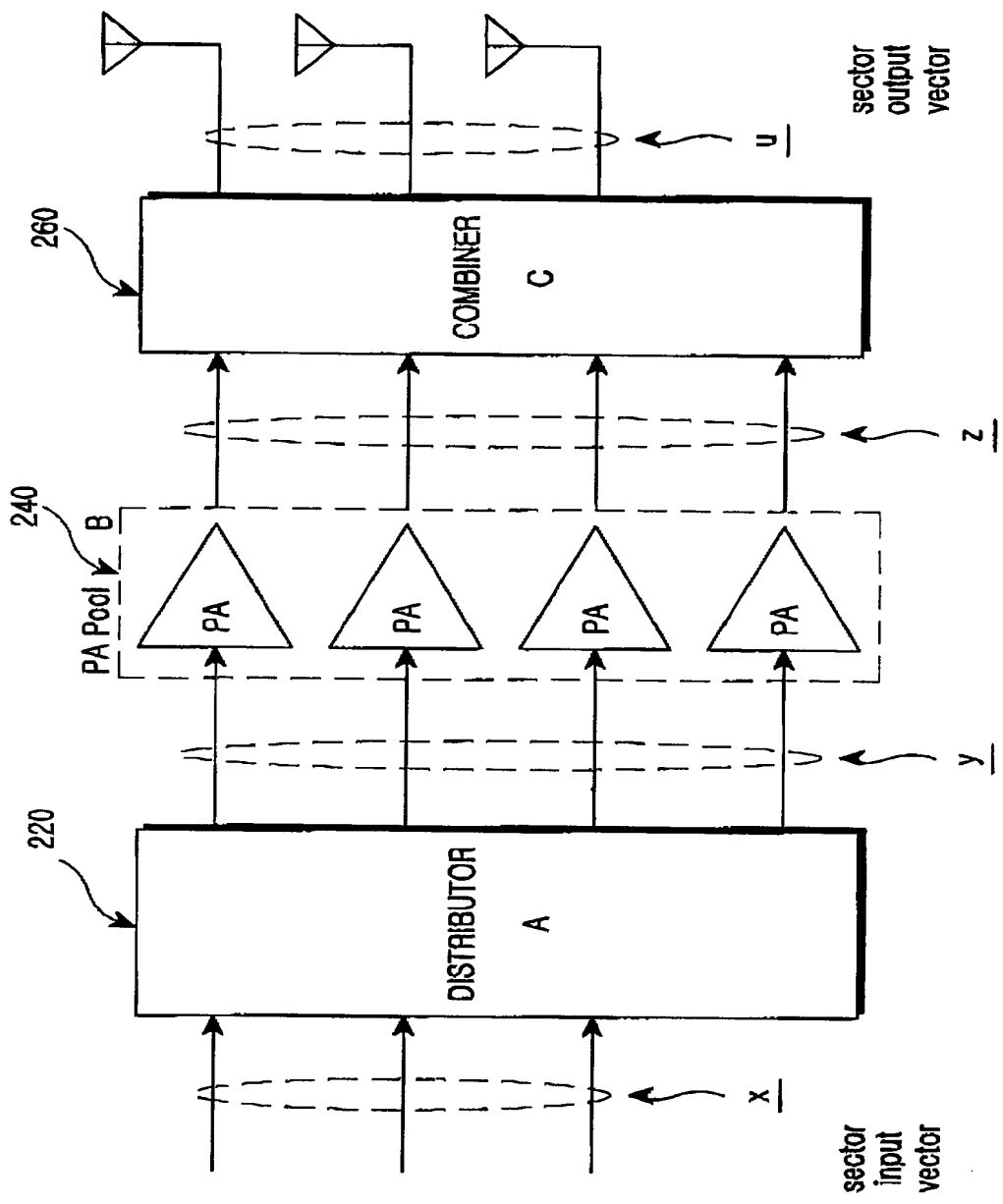


FIG. 2

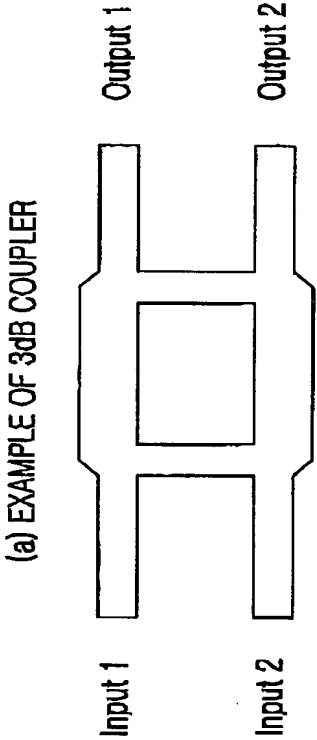


FIG.3A

(b) BLOCK DIAGRAM OF 3dB COUPLER

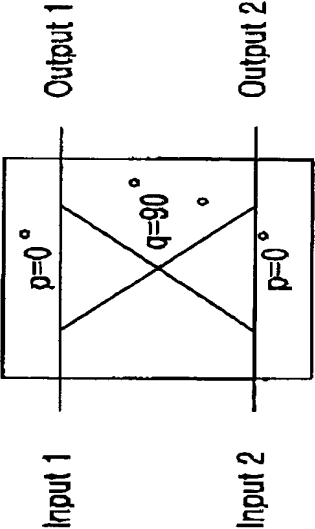


FIG.3B

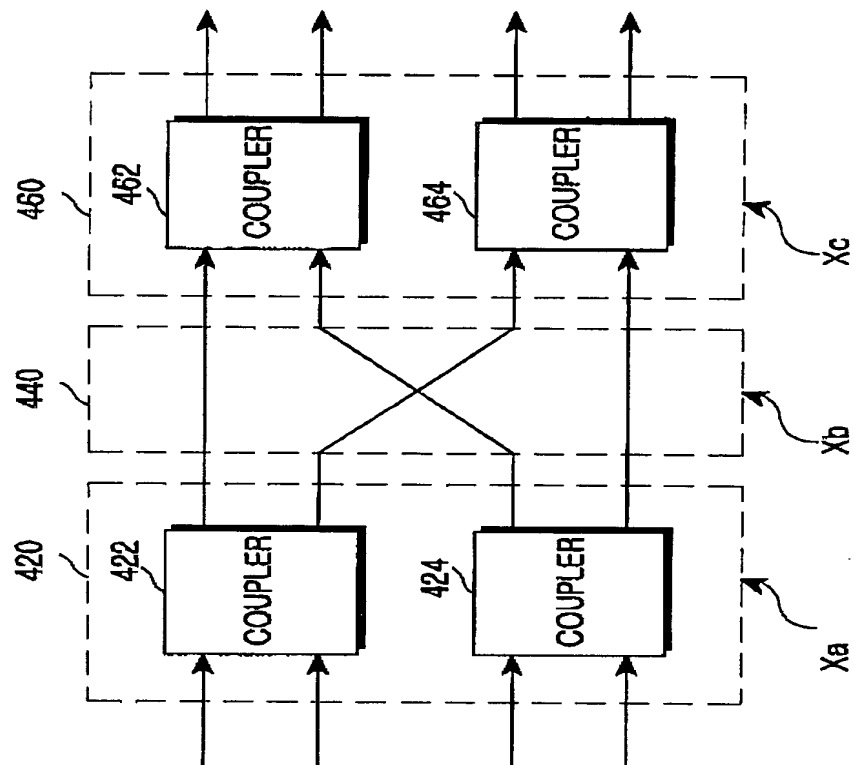


FIG.4

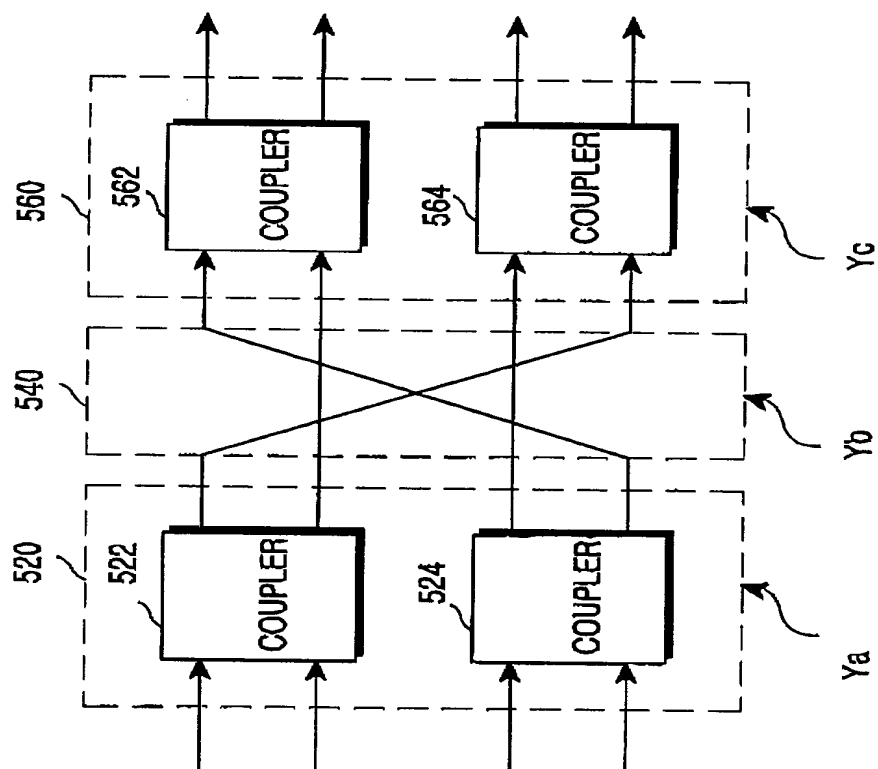


FIG.5

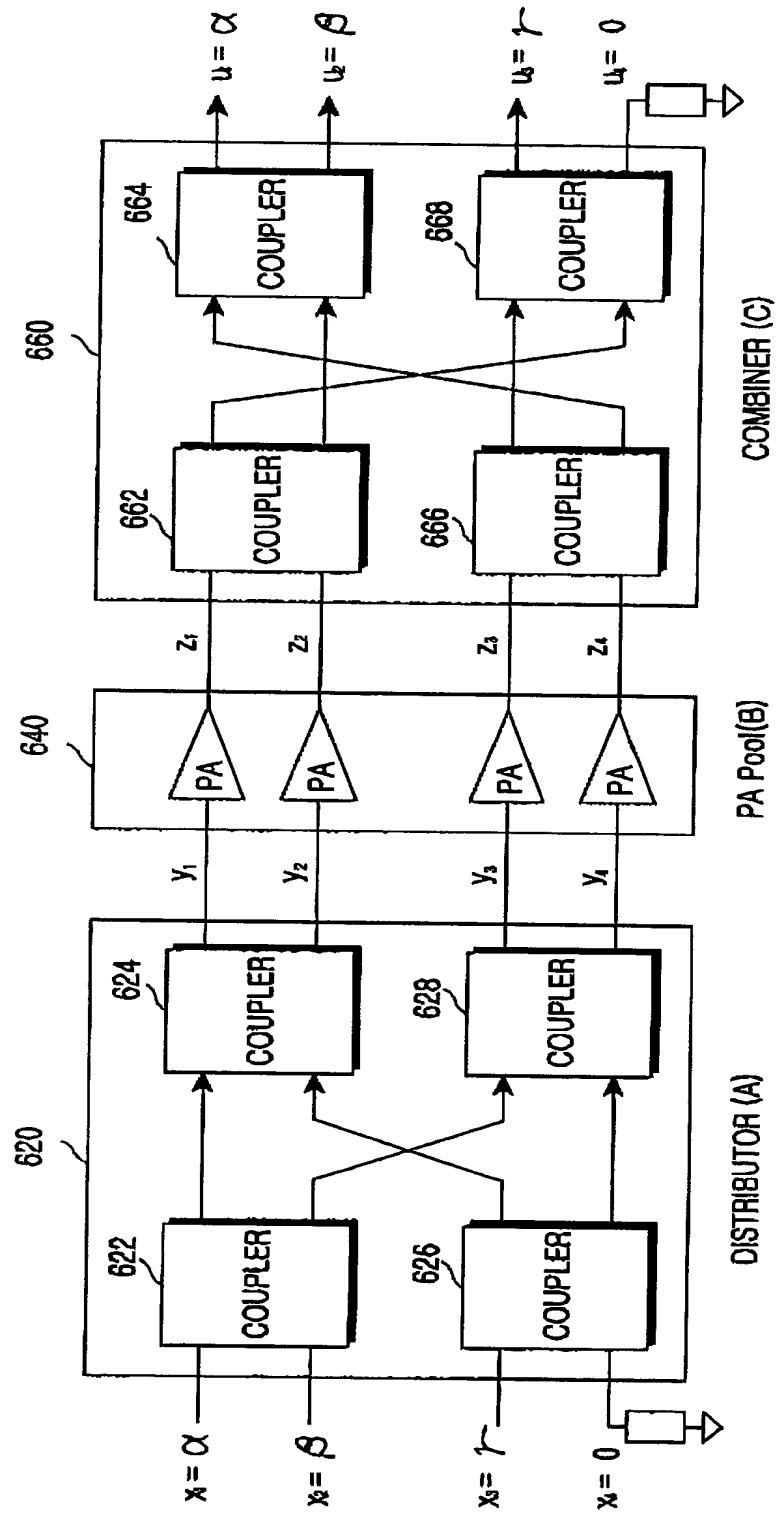


FIG.6

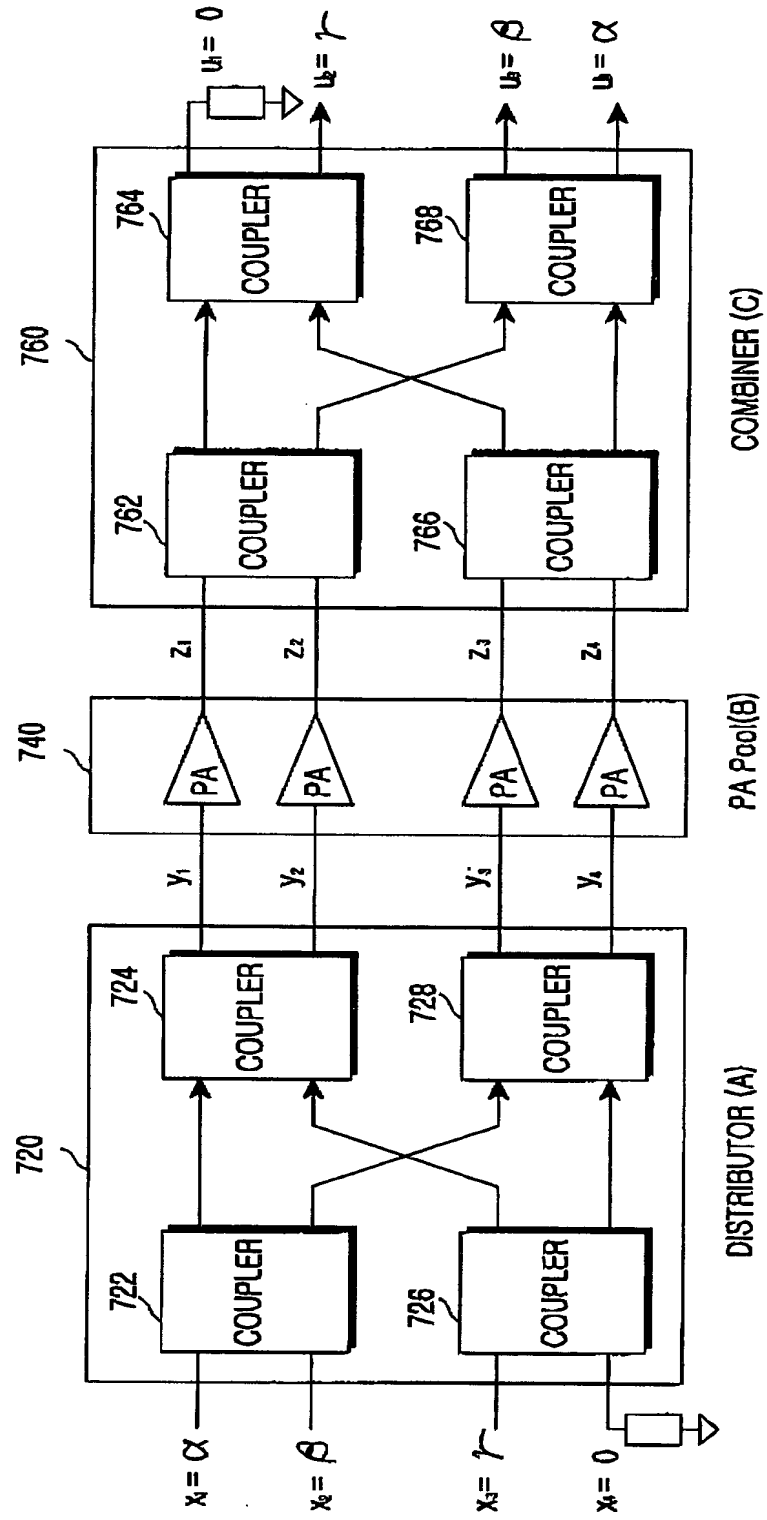


FIG. 7

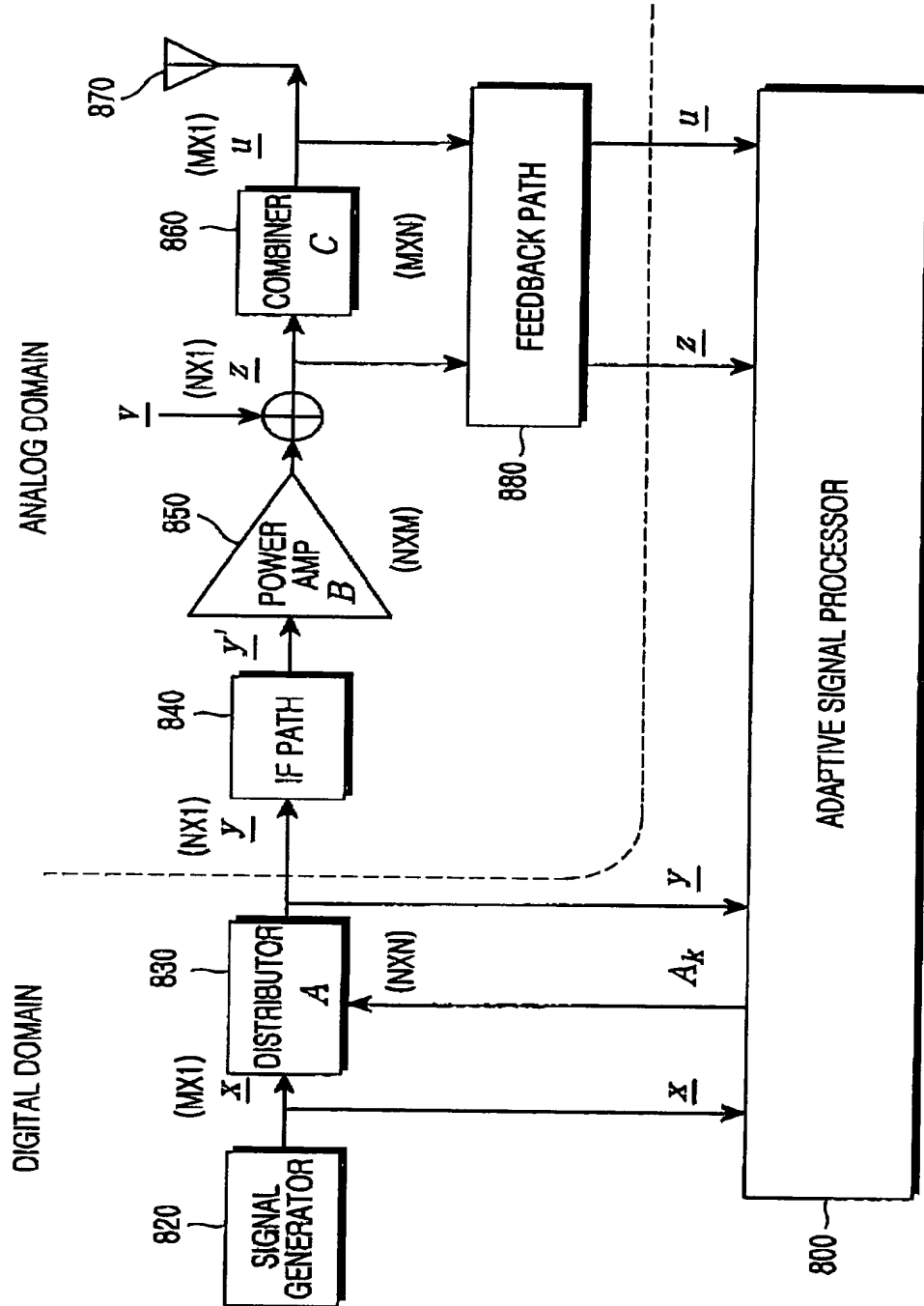


FIG.8



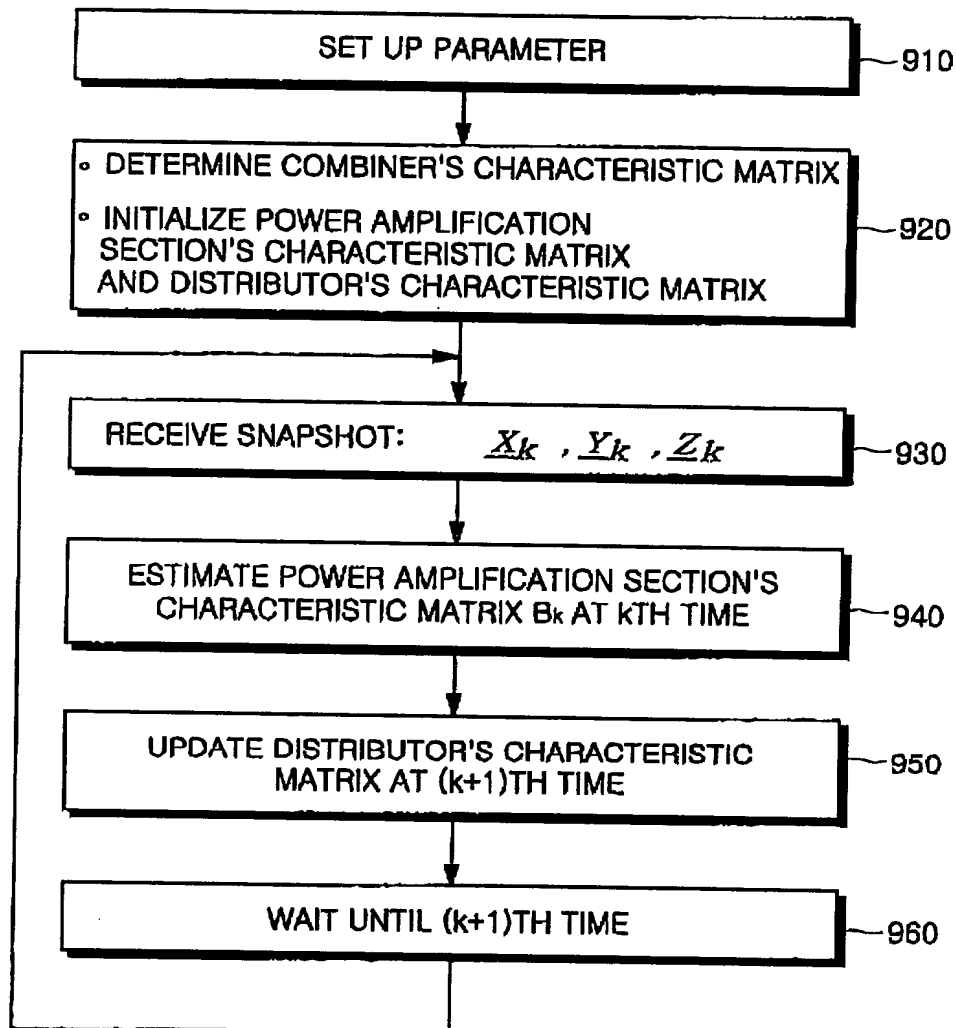


FIG.9

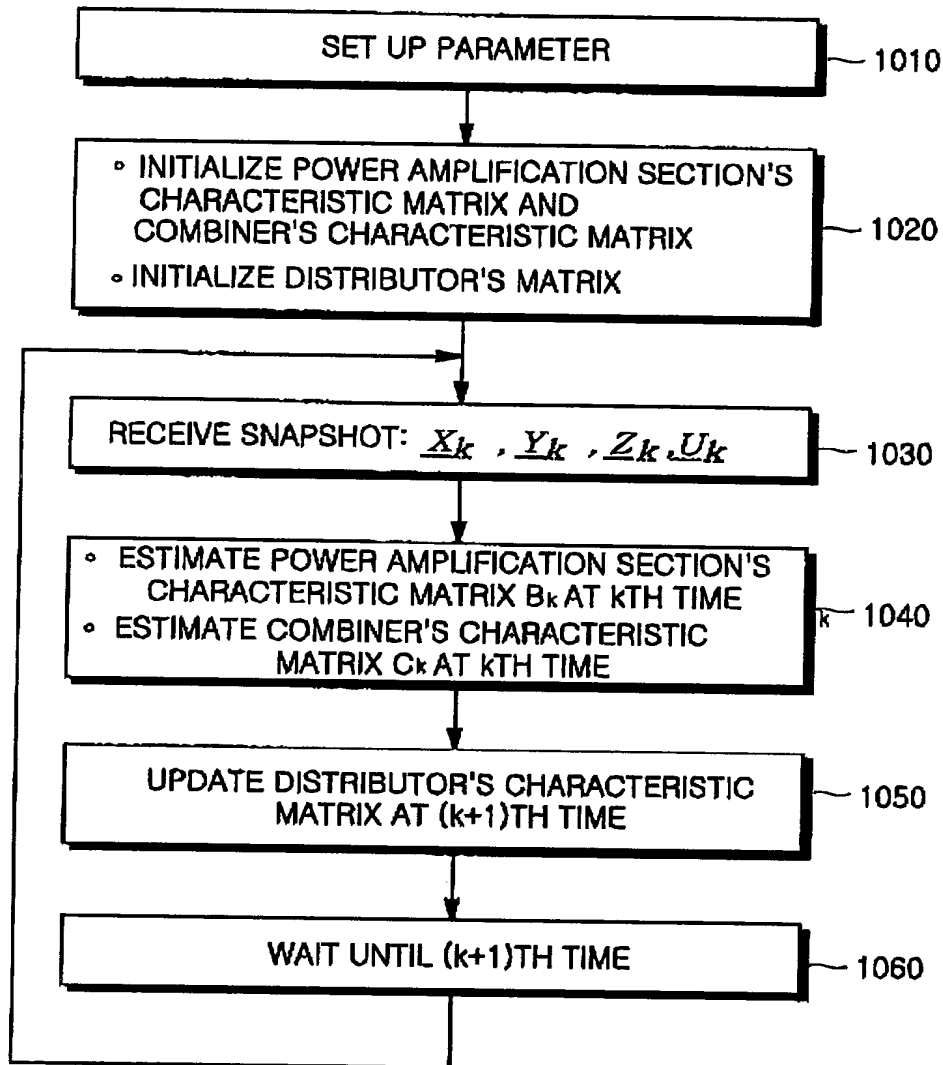


FIG.10

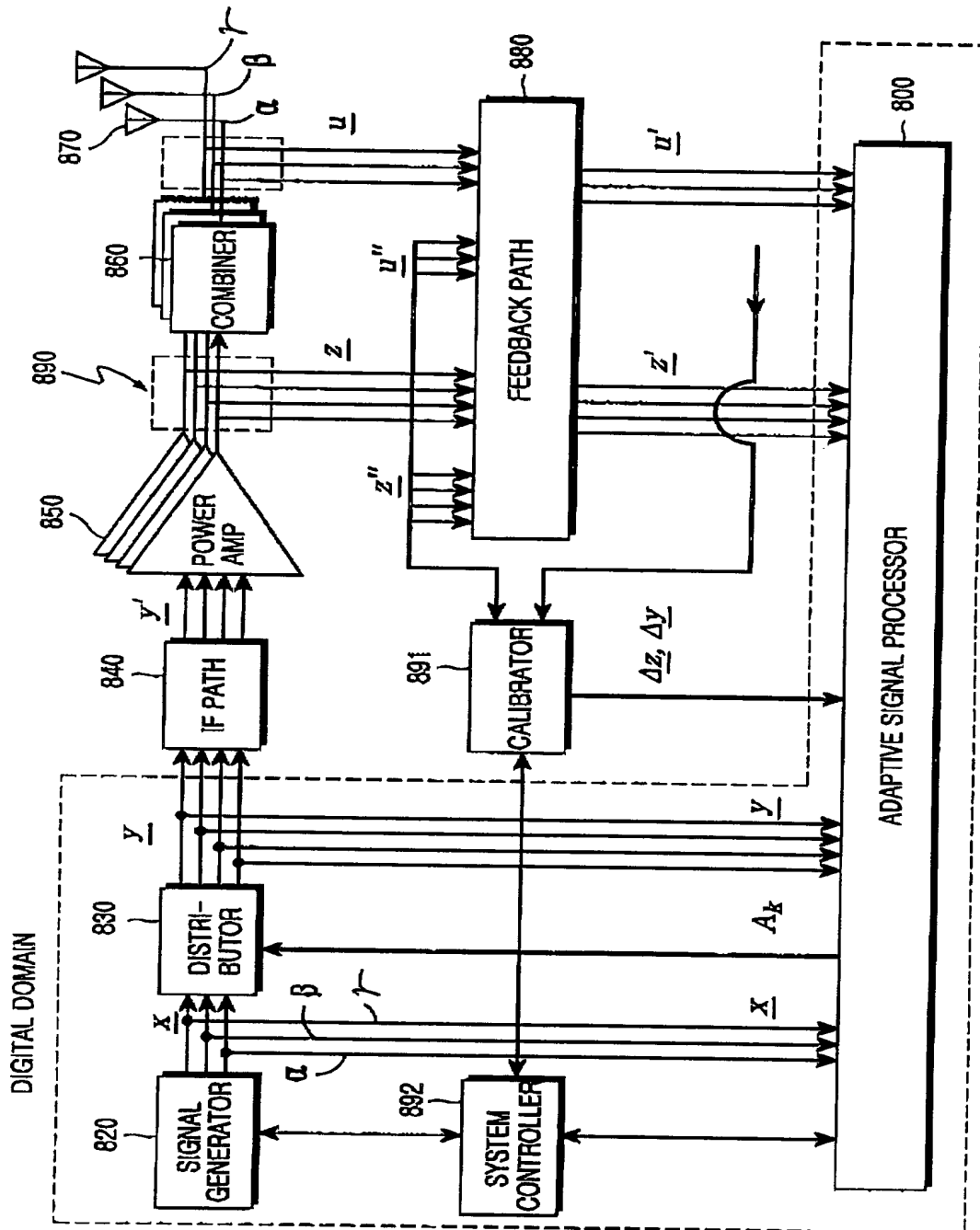


FIG.11

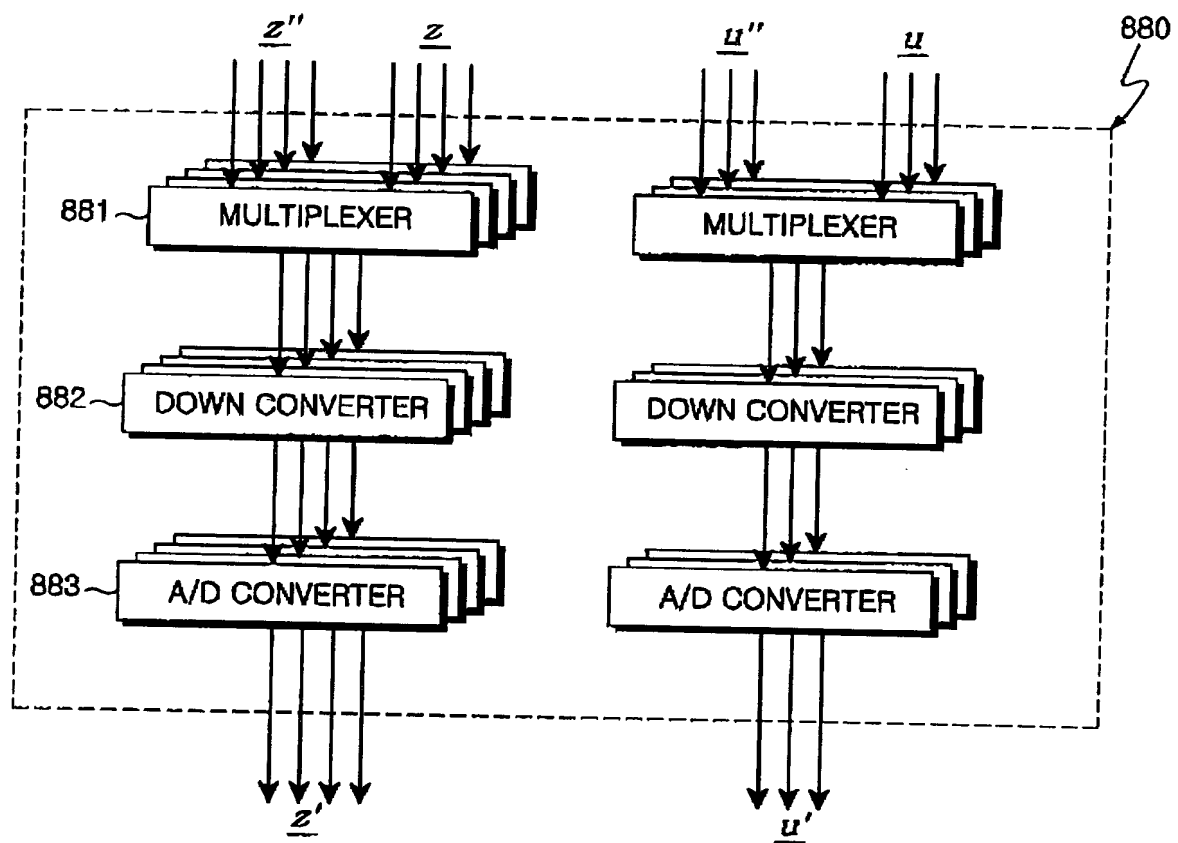


FIG.12

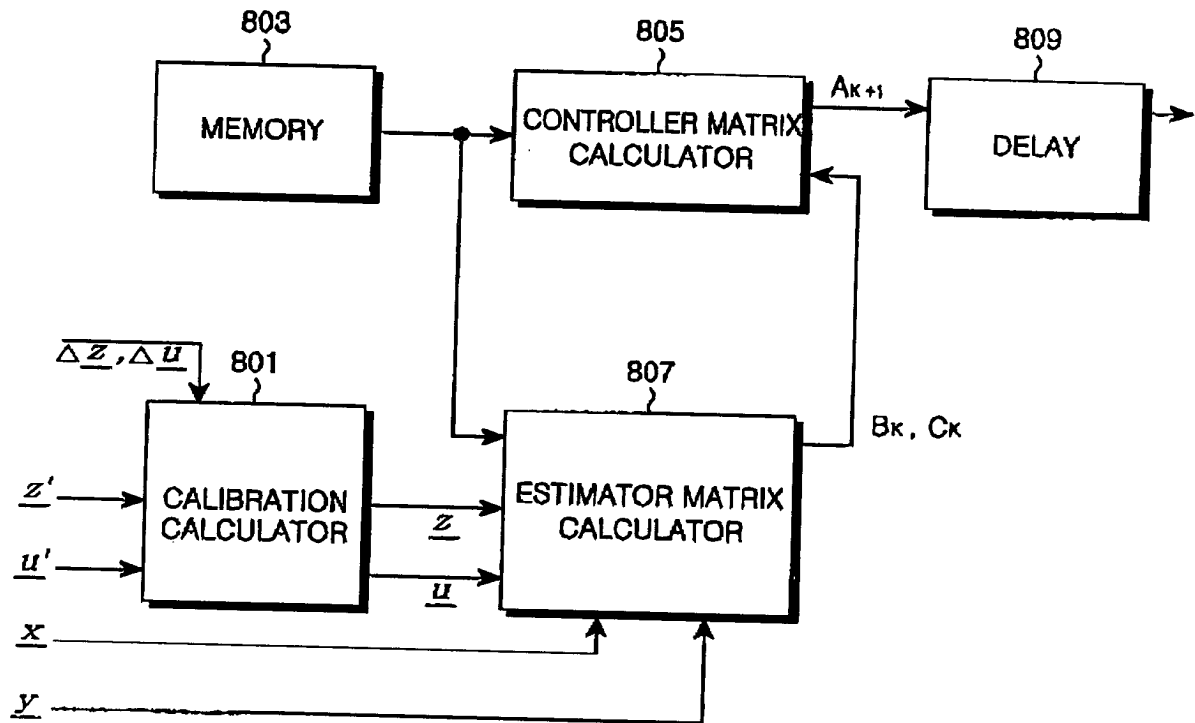


FIG.13

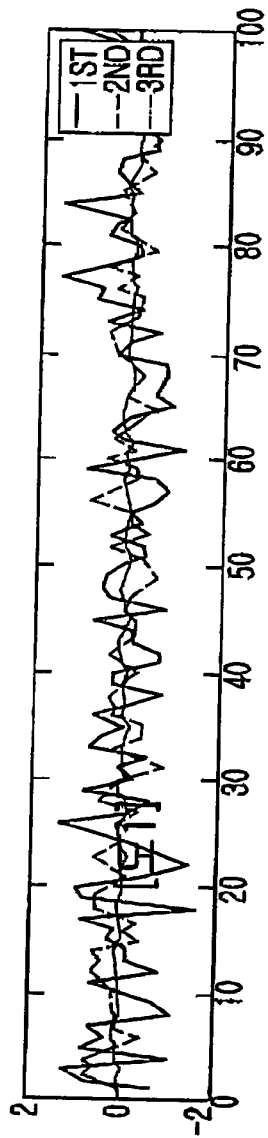


FIG. 14A

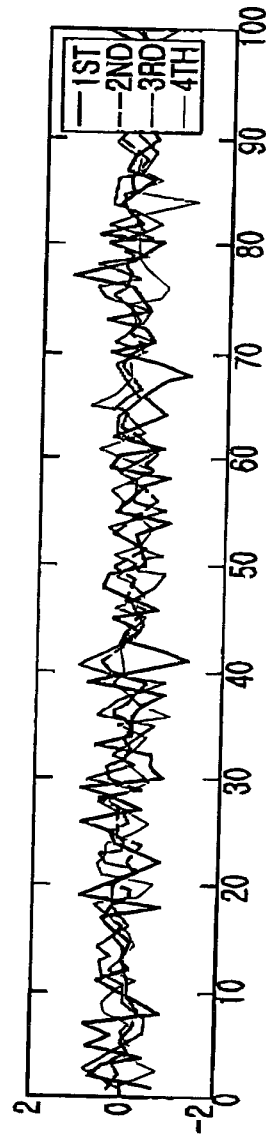


FIG. 14B

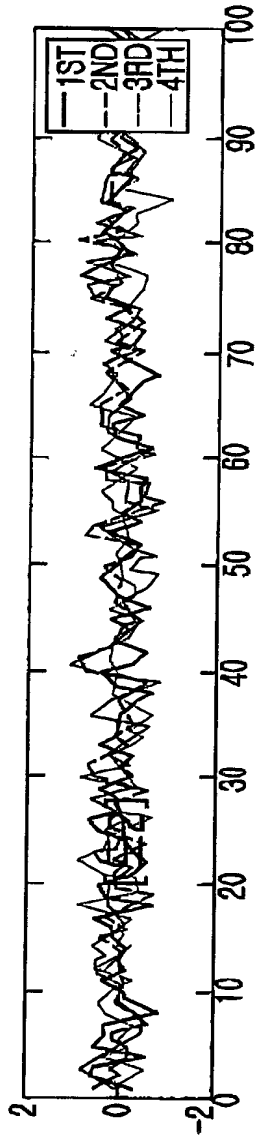


FIG. 14C

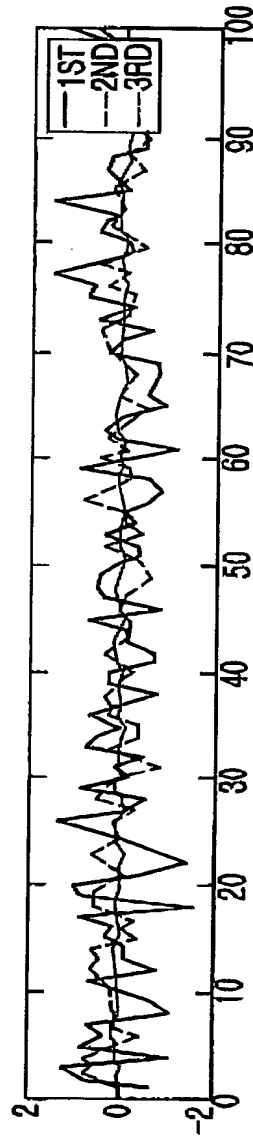


FIG. 14D